

MD 170 IS ASSUMED TO RUN  
IN AN NORTH/SOUTH DIRECTION

#### EXISTING SIGNS

R5-1 (36"x36")  
9, 10, 17  
R1-2 (36"x36")  
15, 23, 25  
W4-3(R) (36"x36")  
12  
W4-1(R) (36"x36")  
20, 31

R5-1a (36"x36")  
18, 30  
R3-2 (30"x30")  
24  
W3-3 (36"x36")  
14

BW1  
TERMINAL  
13  
BW1  
TERMINAL  
19

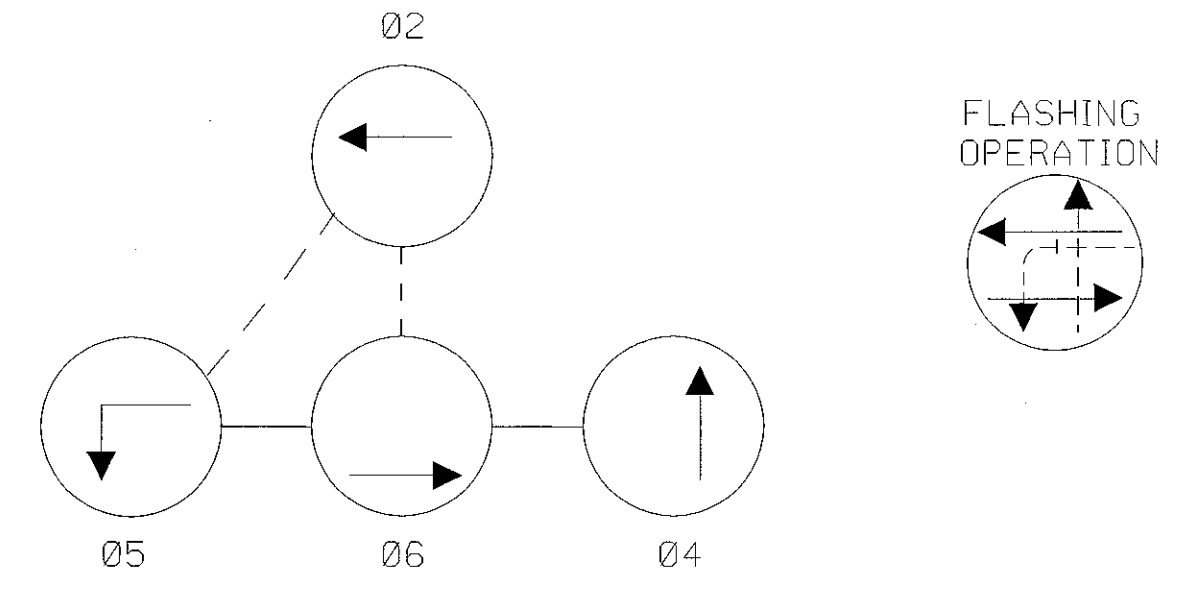
R5-1 (30"x30")  
26, 27  
R10-12 (36"x42")  
8  
R5-1a (36"x36")  
28, 29  
R4-7 (30"x36")  
32  
R1-2 (48"x48"x48")  
21, 22  
W3-3 (36"x36")  
11, 16

#### EXISTING SIGNALS

12" R Y G  
2  
12" R Y G  
3-7  
12" 8" R Y G  
1

PROPOSED  
12" R Y G  
2A

#### NEMA PHASING



PHASING NOTES:  
1. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.  
2. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

MD 170 (AVIATION BLVD)

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#### CONSTRUCTION DETAILS

- A. INSTALL 10 FOOT PEDESTAL POLE, BREAKAWAY SUPPORT STRUCTURE AND 5 SECTION SIGNAL HEAD AS SHOWN. (NOTE 1 2 INCH PVC SCHEDULE 80 CONDUIT BEND IN BASE)  
B. INSTALL 2 INCH SCHEDULE 80 PVC ELECTRICAL CONDUIT TRENCHED.  
C. INSTALL 7 - CONDUCTOR NO. 14 AWG ELECTRICAL CABLE

RAMP "A"

RAMP "E"

OFF RAMP  
TERMINAL RAMP

A. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR		
ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EA	MAINTENANCE OF TRAFFIC PER ASSIGNMENT
1002	4 LF	2" SCH 80 PVC CONDUIT BEND FOR FOUNDATIONS
8011	5 EA	F&I 12 IN VEH SIG HEAD SECTION
8029	1 EA	F&I 10 FOOT PED POLE
8063	1 CY	FURNISH AND INSTALL CONCRETE FOR SIGNAL FOUNDATION
8088	260 LF	FURNISH AND INSTALL ELECTRICAL CABLE- 7 CONDUCTOR (NO 14 AWG)
8094	60 LF	FURNISH AND INSTALL TWO INCH DIAMETER POLYVINYL CHLORIDE ELECTRICAL CONDUIT, SCHEDULE 80, TRENCHED

B. EQUIPMENT TO BE FURNISHED BY SHA		
ITEM NO.	QUANTITY	DESCRIPTION
None		

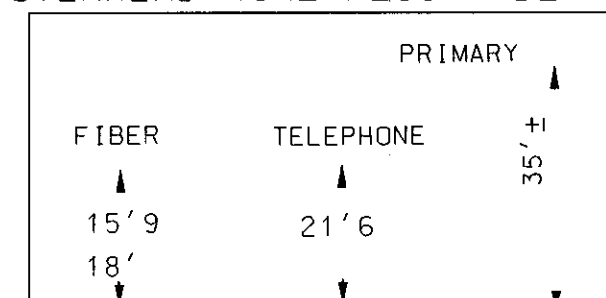
#### GEOMETRIC LEGEND

----- EXISTING  
----- PROPOSED

#### UTILITY LEGEND

SD - STORM DRAIN  
G - GAS MAIN  
W - WATER MAIN  
S - SEWER MAIN  
E - ELECTRIC CABLES  
A - AERIAL CABLES  
T - TELEPHONE CABLES

#### OVERHEAD WIRE HEIGHT DETAIL



SABRA, WANG & ASSOCIATES, INC.  
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REVISIONS		APPROVALS	
A	INSTALL FARSIDE SIGNAL FOR SOUTHBOUND MD 170	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION	
XX1085185	JUNE 2002	ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION	
		CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION	
		DIRECTOR, OFFICE OF TRAFFIC & SAFETY	

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION  
Office of Traffic & Safety  
TRAFFIC ENGINEERING DESIGN DIVISION  
TEMPORARY TRAFFIC SIGNAL PLAN  
MD 170 AT I-195 NORTHBOUND  
ON RAMP

DRAWN BY: JAMES ALLEN JR.	F.A.P. NO.	TS NO.	SHEET NO.
CHECKED BY: D. PETERS	S.H.A. NO.	4032A	
SCALE: 1"=20'	COUNTY: ANNE ARUNDEL	T.I.M.S. NO.	1 OF 1
DATE: JUNE, 2000	LOG MILE: 020/7007.40	E 45J	